

FIGURE 5

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1 MAQALPWLILLWNGAGVLPAGHTQHGIRLPLRSGLGAPLGLRLPRETDEE 50
1 MAPALHWLILLWVSGMLPAQGTHLGIRLPLRSGLAGPPLGLRLPRETDEE 50
51 PEEPGRRGSFVEMVDNLRGKSGQGYVEMTVGSPPTLNILVDTGSSNFA 100
51 SEEPGRRGSFVEMVDNLRGKSGQGYVEMTVGSPPTLNILVDTGSSNFA 100
101 VGAAPHPFLHRYYCQLSSTYRDLRKGVVVPYTQGWEGELGTDLVSIPI 150
101 VGAAPHPFLHRYYCQLSSTYRDLRKGVVVPYTQGWEGELGTDLVSIPI 150
151 GPNVTVRANIAAITESDKFFINGSNWEGILGLAYAEIARPDSDLEFFFD 200
151 GPNVTVRANIAAITESDKFFINGSNWEGILGLAYAEIARPDSDLEFFFD 200
201 LVKQTHVPNLFSLQCGAGFPLNQSEVLASVGGSMIIGGIDHSLYTGSLW 250
201 LVKQTHVPNLFSLQCGAGFPLNQTEALASVGGSMIIGGIDHSLYTGSLW 250
251 YTPIRREWYVEVIVRVEINGQDLKMDCKEYNYDKSIVDSGTTNLRLPKK 300
251 YTPIRREWYVEVIVRVEINGQDLKMDCKEYNYDKSIVDSGTTNLRLPKK 300
301 VFEAAVKSIIKAASSTEKFPDGFALGEQLVCWQAGTTPWNIFPVISLYLMG 350
301 VFEAAVKSIIKAASSTEKFPDGFALGEQLVCWQAGTTPWNIFPVISLYLMG 350
351 EVTNQSFRTILPQQYLRPVEDVATSQDDCYKFAISQSSTGTVMGAVIME 400
351 EVTNQSFRTILPQQYLRPVEDVATSQDDCYKFAVSQSSTGTVMGAVIME 400
401 GFYVVFDRARKRIGFAVSACHVHDEFRTAAVEGPFVTLDMEDCGYNIPQT 450
401 GFYVVFDRARKRIGFAVSACHVHDEFRTAAVEGPFVTADMEDCGYNIPQT 450
451 DESTLMTIAYVMAAICALFMLPLCLMVCQWRCLRLRQHQHDDFADDISLL 500
451 DESTLMTIAYVMAAICALFMLPLCLMVCQWRCLRLRQHQHDDFADDISLL 500
501 K 501
501 K 501

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FIGURE 6 (1)

ATGGCTAGCATGACTGCTGGACAGCAAAATGGGTGCGGGATCCACCCAGCAGCGCATCCGG
 M A S M T G G Q Q M G R G S T Q H G I R
 CTGCCCCCTGCGCAGCGGCTGCGGGGCGCTCTCTCTGCGGCTGCGGGCTGCCCCGGGAGACC
 L P L R S G L G G A P L G L R L P R E T
 GACGAAGAGCCCCGAGGAGCCCGCGGAGGGGCGAGCTTTGTGGAGATGGTGGACAACTG
 D E E P E E P G R R G S F V E M V D N L
 AGGGGCAAGTCCGGGCGGGCTACTACGTGGAGATGACCTGGGCGAGCCCCCGCAGAGC
 R G K S C Q C Y Y V E M T V C S P P Q T
 CTCACATCCTGGTGGATACAGGCGAGTAACCTTTCAGTGGGTGCTCCCCCTACCCC
 L N I L V D T G S S N F A V G A A P H P
 TTCCTGCATCGCTACTACGAGGCGAGCTGTCCAGCAGATACCGGGAGCTCCGGGAAGGGC
 F L H R Y Y Q R Q L S S T Y R D L E K G
 GTGTATGTGCTTACACCCAGCCCAAGTCGGAAGCGGAGCTGGGCAACGACCTGTAAAC
 V Y V P Y T Q G K W E G E L G T D L V S
 ATCCCCCATGGCCCCAAGCTACTGTGCGTGCCCAACATTGCTGCCATCACTGAATCAGAC
 I P H G P N V T V R A N I A A I T E S D
 AAGTTCTTCATCAACGGCTCCAACTGGGAAGGCACTCTGGGGCTGGGCTATGCTGAGTT
 K F F I N G S N W E G I L G L A Y A E I
 GCCAGGCTGACGACTCCCTGGAGCCTTTCTTTGACTCTCTGGTAAAGCAGACCCAGTT
 A R P D D S L E P F F D S L V K Q T H V
 CCCAACCTCTTCTCCCTGCAGCTTTGTGGTGGCTTCCCCCTCAACCAAGTCTGAAGTG
 P N L F S L Q L C G A G F P L N Q S E V
 CTGGCCTCTGTGGAGGAGCATGATCATTGGAGGTATCGACCACTCGCTGTACACAGGC
 L A S V G G S M I I G G I D H S L Y T G
 AGTCTCTGTATACACCCATCCGGCGGGAGTGGTATTATGAGGTCTATCTGTGGGGTG
 S L W Y T P I R R E W Y Y E V I I V R V
 GAGATCAATGGACAGGATCTGAAAATGGACTGCAAGAGTACAATATGACAAGGCAATT
 E I N G Q D L K M D C K E Y N Y D K S I
 CTGGACAGTGGCACCACCAACCTTCCTTTGCCCAAGAAAGTCTTTGAAGCTCGAGTCAAA
 V D S G T T N L R L P K K V F E A A V R
 TCCATCAAGGCGAGCTCCCTCCACGGAGAAGTTCCCTGATGGTTTCTGGCTAGGAGAGCAG
 S I K A A S S T E K F P D G F W L G E Q
 CTGGTGTGCTGSCAAGCAGGCGACCCCTTGGAACATTTTCCAGTCATCTCACTCTAC
 L V C W O A G T T P W N I F P V I S L Y
 CTAATGGGTGAGGTTACCAACAGTCTCTCCGATCACCATCCCTCCGAGCAATACCTG
 I M G E V T N Q S F R T I L P Q Q Y L
 CGGCCAGTGAAGATGTGGCCAGTCCCAAGACGAGTGTACAAAGTTTGGCATCTCACAG

FIGURE 6 (2)

R P V E D V A T S Q D D C Y K F A I S Q
TCATCCACGGGCACCTCTTATCCACGCTCTTATCCACGGGCTTCTACCTGTCTTCAT
S S T G T V M G A V I M E G F Y V V F D
CGGGCCCGAAAACGAATTGGCTTTGCTGTCAGCGCTTGCCATGTGCACGATGAGTTCAGG
R A R K R I G F A V S A C H V H D E F R
ACGGCAGCGGTGGAAGGCCCTTTTGTACCTTGGACATGGAAGACTGTGGCTACACATT
T A A V E G P F V T L D M E D C G Y N I
CCACAGACAGA.GAGTCAAGA
P Q T D E S *